

REMARKS/ARGUMENTS

Claims 1, 3-19 and 22-25 are pending in the application. Claim 4 is allowed.
Claims 1, 3, 5-19, and 22-25 are rejected. Claims 19 and 25 are amended.

Amendments to the Specification

The specification is amended to cancel subject matter deemed by the Examiner to introduce new matter into the disclosure.

Rejections under 35 USC §102

Claim 19 is rejected as being anticipated by Sakai (US 6,331,383) with Mullee (US 6,306,564). Sakai and Mullee teach that a completed semiconductor device does not contain any remaining photoresist composition because the photoresist is typically stripped or removed from the top surface of the semiconductor wafer after etching. Therefore, the Examiner contends that claim 19 reads on the semiconductor devices taught by Sakai and/or Mullee because it makes no difference what kind of photoresist composition was used to manufacture the semiconductor device. However, it is noted that the process of claim 14 on which claim 19 is dependent does not include an etching or photoresist removal step. Therefore, the semiconductor element of Claim 19 still retains a photoresist pattern. To clarify this point, claim 19 has been amended to make it clear that the semiconductor element is a wafer comprising the photoresist pattern formed by the process of claim 14. In light of this amendment, withdrawal of the rejection is respectfully requested.

Claim 25 is rejected as being anticipated by Kajita et al (US 6,180,316). The Examiner has stated that there is no support in the Korean priority document for the generic phrase "two or more alicyclic olefin derivatives". However, the Korean priority document discloses generically a photoresist copolymer comprising the polymerization product of "two or more photoresist monomers" and a cross-linking monomer of the formula set forth in claim 25. See, e.g. claim 3 of the Korean priority document. Claim 25 has been amended to incorporate the phrase "two or more photoresist monomers". Accordingly, the effective filing date of amended claim 25 is December 31, 1998 and Kajita et al, issued January 30, 2001 on an

application filed January 15, 1999, is unavailable as prior art against claim 25. Withdrawal of the rejection is respectfully requested.

Statement of Common Ownership

The present application Ser. No. 10/080,507 and Lee et al U.S. Pat. No. 6,569,599 (U.S. Pat. No. '599) were, at the time the invention was made, both owned by Hyundai Electronics Industries Co., Ltd. The present application and Lee et al U.S. Pat. No. 6,589,707 (Lee '707) were, at the time the invention was made, both owned by Hyundai Electronics Industries Co., Ltd. (This statement was also made in Applicants' response mailed December 2, 2004).

Double Patenting

Claims 1, 3, 5-13 and 22-25 are rejected for nonstatutory obviousness-type double patenting over claims 18-20 and 22 of Lee '707. A terminal disclaimer in compliance with 37 CFR 1.321(c) is filed herewith. Since the present application and Lee'707 are shown to be commonly owned (see Statement of Common Ownership above), it is respectfully submitted that this terminal disclaimer overcomes the rejection. Withdrawal of the rejection is respectfully requested.

Claims 1, 3, 5-19 and 22-25 are rejected for nonstatutory obviousness-type double patenting over claims 14, 21, 22, 24, 26, 29-31 and 33 of U.S. Pat. No. '599. A terminal disclaimer in compliance with 37 CFR 1.321(c) is filed herewith. Since the present application and U.S. Pat. No. '599 are shown to be commonly owned (see Statement of Common Ownership above), it is respectfully submitted that this terminal disclaimer overcomes the rejection. Withdrawal of the rejection is respectfully requested.

Allowable Subject Matter

Applicants wish to thank the Examiner for indicating that the subject matter of claim 4 is allowable.

Appl. No. 10/080,507
Amdt. dated April 17, 2006
Reply to Office Action of January 23, 2006

PATENT

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 303-571-4000.

Respectfully submitted,



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